

Title (en)
DOWNHOLE TOOL STRING FOR PLUG AND ABANDONMENT BY CUTTING

Title (de)
BOHRLOCHWERKZEUGSTRANG ZUM ZURÜCKZEMENTIEREN UND AUFGEBEN DURCH SCHNEIDEN

Title (fr)
TRAIN D'OUTIL DE FOND DE TROU POUR BOUCHON ET ABANDON PAR DÉCOUPE

Publication
EP 3085882 A1 20161026 (EN)

Application
EP 15164741 A 20150422

Priority
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Abstract (en)
The present invention relates to a downhole plug and abandonment system (100) for a well (105), comprising a first well tubular metal structure (101a) having a wall, a second well tubular metal structure (101b) having a wall, the second well tubular metal structure being arranged inside the first well tubular metal structure, the well tubular metal structures having longitudinal extensions and being arranged in a borehole (104) of a well, a packer (350) arranged between the first and the second well tubular metal structures defining an annular space (351) above the packer, a plug (106) arranged in the second well tubular metal structure dividing the second well tubular metal structure into a first part (107) and a second part (108), the first part being closest to a top of the well, and a tool string (1) comprising an anchoring tool section (326), a downhole tubing cutter tool (330) arranged in the first part of the second well tubular metal structure comprising a first housing part (333), a cutting part (331) projectable from the first housing part, the cutting part having a cutting edge (332) configured to cut in the first part of the second well tubular metal structure for providing access to the annular space, the first housing part being rotatable in relation to the anchoring tool section. Furthermore, the present invention relates to a downhole plug and abandonment method.

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